

EARTH'S FUNDAMENTAL FREQUENCY AND THE HUMAN BRAIN

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It is the purpose of writing this article, regarding the earth's resonant electromagnetic frequency, to expound a theory the author considers logical and of substance in relation to the unexplainable (to date) incidence of cardiovascular problems in the Bay of Plenty Region (New Zealand) and, in particular, Whakatane area itself.

It is well known that pulsating electrical fields active within the frequency range of the alpha and/or beta rhythms of the human brain can interfere with, and have influence upon the physiological functioning of the mind and can produce devastating results. It literally "interferes" with the overall co-ordination of mind and body.

It has been found that people exposed to low level radiation in the alpha/beta-rhythm range experience neurological, and cardiovascular disturbances. The earth's fundamental resonant frequency, or that of artificially generated ELF (Extremely Low Frequency) electromagnetic wave is not attenuated by distance, or matter composed of steel, copper, etc, nor is its wave shape distorted. To be explicit there is no known form of protection whatever from interference ELF magnetic waves.

The concentration of ultra-soft electrons and photons, and their range, predicts there will be more than one resonant frequency of the earth. Early evidence from experimental work with ELF radiation shows the earth resonance at 8, 14, 20 cycles per second, proving to be at little variance with Nikola Tesla's predictions of 6,18,30 cycles per second. It has however been found in recent times with the use of more sophisticated equipment that the earth's fundamental magnetic pulse beats with steady sine waves of 7.83,

10.6, 14 and 20 cycles per second.

In conventional circumstances when power is shut down on equipment generating standing waves of enormous amplitude, they normally dissipate with wave amplitude decreasing exponentially with each cycle and, in a very short time, are completely dissipated. This is not so with ELF waves. After shut down of a high energy generator it can take up to, or beyond a year for the wave to diminish.

It is common knowledge in the scientific world that the Soviets have done very extensive research in the development of transmitters in the ELF frequencies to enable them to exercise control over global weather, weaponry, biological warfare and seismic activity. These ELF waves cannot be jammed. There is no known protection from them.

Electrically induced magnetic fields are an integral part of human brain activity and all electromagnetic, or magnetic fields are susceptible to interaction with other co-existing electromagnetic or magnetic fields: It follows that the human brain therefore is affected by such fields.

As aforementioned, the Soviets, in their experiments, have caused earth tremors in certain countries with the use of ELF waves at the required interference frequency. If an earthquake or tremor can be caused by an interference ELF signal, then it follows that seismic activity which is within the ELF region is capable of generating interference magnetic waves, thereby disturbing fundamental human brain waves.

The author suspects that from the foregoing, the consistent recent and ongoing seismic activity in this region could be interfering with the fundamental resonant frequency here. All seismic activity taking place in and under the earth's crust is caused by magnetic radiation fields, emanating underground and causing explosions, and

further complex magnetic waves. That is, possible ELF interference waves in the human range, such as explosions or seismic activity could cause interference, whether minute or massive.

Based on the above observations it is felt serious investigation should be given to whether in fact the effects of continued seismic activity in our region, i.e. Bay of Plenty, has any bearing on this local phenomenon, particularly as the region has the highest incidence of cardiovascular malady per capita in New Zealand and also in view of the fact that there were six hospital admissions in Whakatane alone in one week very recently, all patients experiencing the one common symptom - fib-
rillation pulse rate interference!

Research has established that a person will generate more alpha waves of 10.6 cycles than alpha waves of any other frequency.

The 10.6 cycle is also the frequency of the alpha wave most frequently generated by a human being and is known as the alpha baseline frequency. The ELF waves and the alpha brainwaves are also similar in their envelope shapes (sinusoidal).

As these similarities exist between ELF waves and human brain waves in the form of their frequency averages and wave shapes, it is impossible to dismiss the available evidence. Just as it cannot be ignored that the Soviet Union has carried out extensive successful research in this area on the same above findings.

Earth's pulse rate is our virtual existence and that of insects and animals alike.

An interference electromagnetic wave need only be fractional to become quite serious. One hundredth of one is sufficient.

It is known that biological systems and their cells operate at exceedingly precise trigger frequencies.

If an interference magnetic field generated by seismic activity were to be at a precise trigger interference of this figure and of sufficient magnitude, it would entrain the human brain and in so doing interfere with the co-ordination of mind and body effecting oxygen uptake, neurological, and cardiovascular functions.

With only a minuscule interference magnetic wave people with cardiovascular problems would be highly vulnerable. So too, people with heart problems, but totally unaware of their heart's condition.

SCIENTIFIC APPROACH TO A MEDICAL PROBLEM

Mr Adams says this is a scientific approach to what appears a local phenomenon, with no sign of a solution as of this date as to the cause of the country's highest rate of cardiovascular problems (per capita).

In no circumstances is it to be considered, construed, implied or accepted as a medical opinion.

APPENDIX

A brief explanation on the cause of earthquakes, and electrical storms in relation to electrical and magnetic energies, and the simultaneous interaction

of the two phenomena.

Geologists and geophysicists alike are notoriously vague in their explanations describing forces causing folding of strata, volcanic eruptions and earth upheavals. Explanations from these people into the cause of continental drift is also somewhat vague and flimsy, if indeed the reasons given even exist.

It is now known that the mechanical explanations given by these people are far from being correct, the physical explanations they give in texts is none other than results of a phenomena beyond their scope.

Their description as such, is not the cause, but an end physical result of electromagnetic phenomena taking place.

The cause of crust fractures sliding, folding of ledges and subsequent earthquakes on planet earth is due to the continuous penetration of electron particles from the sun combining with integral magnetic radiation of matter inside the earth, producing extremely high repulsive and tensional forces, resulting ultimately in explosions. In addition to the magnetic and electrostatic actions taking place, gravitational forces holding the earth in its orbit produces a further but weaker stress

adding to the lateral forces taking place.

Electrical storms frequently occur prior to and during earthquakes and volcanic eruptions. The author has had personal experience in Hastings, New Zealand, of an electrical storm of terrifying ferocity resulting in giant flashes of fork-lightning exploding and shattering windows, sheds, fences of corrugated iron, power poles, trees,

simultaneously interspersed with the appearance of fireballs floating above the earth for several seconds to be followed by a big earthquake. This phenomenon occurred five times over a period of an hour and a half during one Saturday mid-afternoon some seven to eight months after the devastating earthquake which struck Hawkes Bay at 10.53am, Tuesday 3rd February 1931; there was, as would be expected, hundreds of after-shocks which followed the first one, the most devastating of these was one which flattened the rest of Napier and Hastings business areas, which struck at 8.45pm the same night.

This combined simultaneous phenomenon described is common and now well recognised. Similar phenomenon was seen by eye-witnesses of the 1986 Mt. Tarawera eruptions, and in many other countries worldwide, prior to and during eruptions and earthquakes.

The awesome electromagnetic energies in turmoil in the bowels of the earth, generate enormous heat, eventually melting stratas, thus creating molten lava which must eventually find an outlet.

In most volcanoes, superheated steam from underground streams, or in the case of island volcanoes, super-heated sea water, combines with molten lava to be subsequently forced to the surface with explosive ferocity.

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SIGNS OF SEISMIC ACTIVITY

Changes in gravity, electrical resistance, magnetism, and resultant magnetic fields, eerie neon-like flashes, fireballs, floating up from the ground, eerie glows in the sky, generally of a pink shade, water levels altering for no apparent reason. Changes in electrical conductivity, and geomagnetic variations, swarms of small tremors. Ponds and irrigation canal water level variations. Canals becoming muddy and



"Hi. This is the ocean. I'm sorry there's no roar right now but, if you leave your name and number after the bbep, one will be returned as soon as possible."

roiled, giving off strange odours, due possibly to underground gasses released due to considerable below surface electro/mechanical activity.

When the concentration of charges from underground strata reach a critical state the discharge of hard electrons produces an explosion, the resultant waves of energy causing the earth to shake.

The same action takes place in storm clouds, causing a lightning explosion.

It could be argued that Rotorua has a higher degree of seismic activity than the Whakatane area. This is true, but the activity in Rotorua is of a vast difference to the seismic activity taking place in the Whakatane area. Rotorua might be termed a safety valve vent for local and adjacent activity.

All volcanoes in the Rotorua region are at present inactive and have been for a considerable time, and earthquakes in the area are rare in comparison to the Whakatane area at the time of writing.

However, in the case of the Whakatane area, we have the close proximity of an active volcano in White Island which as been recently showing signs of increased activity, with resultant seismic disturbances in the area, ie earthquakes.

POWERFUL GAMMA RAYS DETECTED HITTING EARTH'S UPPER ATMOSPHERE

WASHINGTON (AUG. 5) UPI Scientists have detected the most powerful source of high-energy gamma rays ever detected outside Earth's galaxy, an international team reported Wednesday.

Researchers from six institutions detected the ultra-high-energy gamma rays striking the Earth's upper atmosphere with energies of 1 trillion electron volts - 1 trillion times the amount of energy contained in a comparable amount of visible light coming from a desk lamp.

With energy typically billions of times greater than visible light, gamma rays are a type of radiation generated by the most violent physical processes.

This is the first observation of such

high-powered gamma rays coming from outside Earth's Milky Way galaxy, said James Gaidos, a professor of physics at Purdue University and a member of the Whipple Observatory Gamma Ray Collaboration team that made the discovery reported in the journal Nature.

Although each individual gamma ray carries a great deal of energy, the energy is absorbed before reaching ground level, posing no danger to plant or animal life on Earth.

Located in the middle of a galaxy 400 million light years away, the source is about the size of our solar system, the researchers said, but it produces as much energy in these trillion-electron-volt gamma rays as Earth's galaxy emits in all kinds of energy, Gaidos said.

This makes the distant gamma ray source, an active galactic nucleus called Markarian 421, the source of the highest energy gamma rays discovered to date outside our own galaxy, he said.

"The presumption is that the energy engine powering Markarian 421 is a super-massive black hole, probably more than a million times the mass of our sun," Gaidos said.

"There is no other known mechanism, or even speculative mechanism, that could produce these kinds of energies."

A black hole is a hypothetical formation in space with such strong gravitational pull that nothing can escape it.

High energy gamma rays can be generated on Earth only rarely by collisions of particles produced in the most powerful particle accelerator laboratories, he said.

Using a finely tuned detector at

the Whipple Observatory, the group made their observations of Markarian 421 between March 24 and May 8.

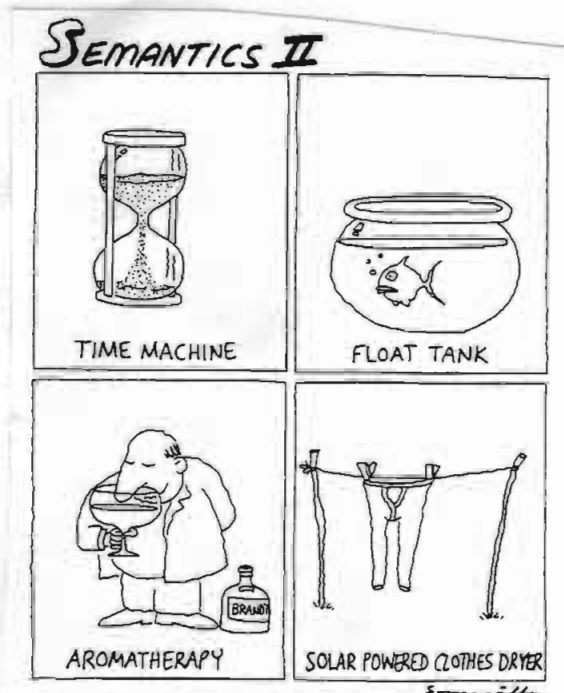
In addition to Gaidos and Lamb, other principal investigators affiliated with the Whipple Gamma Ray Collaboration include: Trevor Weekes, Harvard-Smithsonian Centre for Astrophysics; Carl W. Akerlof, University of Michigan; Michael Cawley and David Fegan, National University of Ireland; and Michael Hillas, University of Leeds, United Kingdom.

(Source: MUFONET-BBS GROUP - MUFONET-BBS NETWORK (1:123/26.5))

SCIENTISTS THEORISE THAT MAN MAY HAVE BEEN IN THE AMERICAS 300,000 YEARS AGO

CARACAS, VENEZUELA (AUG. 4) IPS - Man may have lived in the Americas as early as 300,000 years ago, and not 40,000 years ago as official history texts say.

Venezuelan anthropologists Mikos Szabadics and German Jimenez base their theory on evidence, gathered from all over Venezuela, pointing to human life in the Americas during the lower



Paleolithic period.

The anthropologists told the Venezuelan daily "Economia Hoy" that people were already living in the Americas long before the Homo sapiens arrived on the continent, presumably after having crossed the Berring Strait.

After years of work, the anthropologists found a set of tools and artifacts which led them to challenge the universally-accepted thesis on the origins of the first American man.

According to anthropology books, the first men who came to America from Asia were fully evolved with a culture belonging to the upper Paleolithic period.

Szabadics and Jimenez said the tools found belonged to more primitive men. It is impossible for these men to have developed their techniques in 30,000 years while the evolution period for the Cro-Magnon in Europe reached 1.5 million years, they said.

Other scientists have done research on the possibility of life in the Americas during this period, but their only bases for this thesis are favourable weather and travel conditions during the interglacial periods, the experts

said.

The Venezuelan anthropologists have sent a sample of the excavated tools to the "Max Plank Institute" in Germany, where scientists all over the world send newly discovered ancient materials to determine their prehistoric age.

"We do not claim to know for sure that men in the Americas have the same age as the Cro-Magnon, but we say that they came in successive waves thousands of years ago while taking advantage of the different favourable geographic conditions produced during the interglacial stages," they said.

(Source: MUFONET-BBS GROUP - MUFONET-BBS NETWORK)

ISHIKAWAJIMA-HARIMA MAKES NEW MATERIAL ABLE TO WITHSTAND 2,100 DEGREES CELSIUS

TOKYO (JUNE 8) PACIFIC RIM NEWS NETWORK - Ishikawajima-

Harima Heavy Industries Co. has developed a material capable of withstanding a temperature of 2,100 degrees Celsius, which it said will be used for a space plane, the Nippon Kogyo Shimbun reported.

The new compound, mainly made up of carbon fibres, is coated with ceramic material, the industrial daily said.

Conventional heat-resisting material can withstand temperatures of up to 1,700 C, it said.

The surface temperature of a space plane, such as the space shuttle of the U.S. National Aeronautics and Space Administration (NASA), rises to a maximum of 1,700 C when it reenters the earth's atmosphere, the daily said.

The major heavy machinery maker plans to announce the details of the new material at a symposium on thermal engineering in Yokohama, near Tokyo, on July 10, the daily said.

(Source: Federal Information & News Dispatch; accessed via MUFONET, USA)

A HIGH-TECH KIND OF NEIGHBOURHOOD WATCH

The NSW Police and National Crime Authority have joined forces to create a new division known as The Technology Services Unit. The new division is equipped with state-of-the-art surveillance equipment, including advanced photographic, audio and visual information gathering devices.

Based in a secret location in Sydney, the division is staffed by NSW Police and NCA Officers.

When announcing the formation of the unit, Police Minister Ted Pickering stated that he could not reveal information on the type of equipment they would employ, commenting only that their duties would include tasks like "bugging a person's room, taking photographs of a crime scene, and James Bond-type things." An expert from a similar division of the Hong Kong Police Department spent a year assisting the NSW Police review their technological "needs."

Police Helicopters are now also being fitted with Forward Looking Infrared Thermal Imaging Cameras that can track cars by homing in on their engine heat in pitch darkness, or detect the body heat of one person hiding in hectares of bush.

(Sources: Sunday Telegraph 4th August 1991; Telegraph Mirror 11th November 1991)



Somerville